

PATENT ABSTRACTS OF JAPAN

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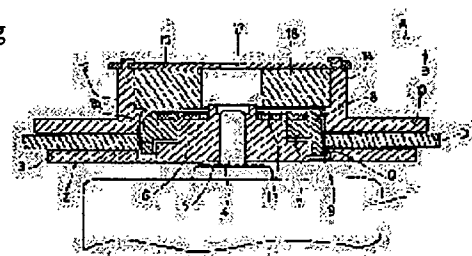
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(54) APPARATUS FOR CLAMPING DISC

(57)Abstract:

PURPOSE: To obtain a clamping device which is fit for clamping of a disc with the utilization of an attraction force of a magnet, by centering the disc through an attracting/shifting operation of the magnet of a centering member with a magnetic body.

CONSTITUTION: A centering member 7 to which a magnetic body 8 is fitted is shifted in a direction A by a ring magnet 16 attached to a clamping member 12, whereby a peripheral edge 7A broadening towards an outer side is pressed in touch with an edge of a central hole of a disc D. As a result, the disc D is centered. Meanwhile, a magnetic body 11 set at an upper surface of a central guide part 6 constituting a turntable 2 acts an urging force to the clamping member 12 in a direction B. The disc D is accordingly pressed and held on the turntable 2 by the clamping member 12. In the constitution, an electric motor 1 of a small torque is made employable, and an eccentricity of the disc D which is not uniform in size and shape of the central hole can be solved.



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